

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1	108.90	105.26	100.23	0.00	0.00	0.00	0.00	0.00	0.00
2	104.26	97.99	99.30	0.00	0.00	0.00	0.00	0.00	0.00
6	106.43	108.28	97.46	0.00	0.00	0.00	0.00	0.00	0.00
15	107.28	99.83	95.19	0.00	0.00	0.00	0.00	0.00	0.00
21	105.26	103.41	102.18	0.00	0.00	0.01	0.00	0.00	0.00
25	101.45	113.55	100.15	0.00	0.01	0.01	0.00	0.01	0.00
30	94.54	99.25	107.59	0.00	0.01	0.01	0.00	0.01	0.01
43	93.36	95.11	96.17	0.01	0.01	0.02	0.01	0.01	0.02
50	91.95	88.15	94.53	0.01	0.02	0.02	0.01	0.02	0.02
61	81.71	81.01	81.91	0.02	0.03	0.03	0.02	0.03	0.03
69	74.95	74.77	73.84	0.02	0.04	0.04	0.03	0.04	0.04
78	66.60	66.23	66.15	0.03	0.05	0.06	0.04	0.05	0.06
90	57.27	57.05	56.92	0.05	0.07	0.08	0.06	0.08	0.09
98	51.50	51.33	51.08	0.06	0.09	0.10	0.07	0.10	0.11
100	50.16	49.88	49.69	0.07	0.09	0.11	0.08	0.10	0.12
110	43.40	43.17	42.98	0.10	0.13	0.14	0.11	0.14	0.16
118	38.23	38.02	37.84	0.13	0.16	0.19	0.15	0.18	0.21
127	32.56	32.38	32.22	0.17	0.22	0.24	0.20	0.25	0.28
130	30.69	30.53	30.36	0.19	0.24	0.27	0.22	0.28	0.31
134	28.21	28.07	27.92	0.23	0.28	0.31	0.26	0.32	0.36
135	27.60	27.46	27.30	0.23	0.29	0.32	0.27	0.33	0.37
144	22.05	21.95	21.82	0.35	0.42	0.46	0.41	0.48	0.54
152	17.11	17.05	16.95	0.55	0.64	0.70	0.63	0.74	0.81
158	13.41	13.39	13.32	0.84	0.96	1.04	0.96	1.09	1.19
165	9.22	9.25	9.22	1.55	1.72	1.84	1.73	1.93	2.08
169	7.01	7.07	7.07	2.32	2.53	2.69	2.57	2.82	3.02
173	5.07	5.15	5.19	3.54	3.81	4.01	3.90	4.24	4.49
177	3.51	3.62	3.69	5.40	5.75	6.00	5.94	6.42	6.75
180	2.63	2.77	2.85	7.31	7.73	8.02	8.11	8.73	9.15
187	1.47	1.63	1.74	13.60	14.14	14.41	16.33	17.96	19.05
199	0.95	1.11	1.21	18.54	17.45	16.86	20.91	19.53	18.84
210	0.82	0.96	1.06	16.62	15.78	15.28	16.84	16.05	15.61
222	0.70	0.82	0.91	17.74	17.04	16.50	17.73	17.10	16.65
233	0.60	0.70	0.78	20.67	20.11	19.45	20.72	20.25	19.75
239	0.55	0.65	0.72	23.02	22.59	21.84	23.27	22.98	22.43
246	0.51	0.60	0.67	26.53	26.35	25.41	27.60	27.73	27.13
254	0.47	0.56	0.62	30.89	30.53	29.36	37.56	38.84	38.20
266	0.43	0.51	0.57	29.03	27.14	26.36	32.47	29.30	28.65
284	0.39	0.48	0.53	23.61	21.85	21.07	24.05	22.18	21.42
300	0.37	0.45	0.51	21.50	19.87	19.01	21.51	19.90	19.07
315	0.35	0.44	0.49	20.57	19.07	18.13	20.40	18.96	18.08
360	0.30	0.38	0.43	20.52	19.45	18.42	20.06	19.05	18.16
390	0.26	0.34	0.39	21.67	20.99	20.00	21.03	20.34	19.55
450	0.21	0.28	0.32	25.90	26.42	25.92	24.62	24.67	24.33
505	0.18	0.25	0.29	33.89	38.21	40.57	29.59	29.99	29.62
730	0.16	0.25	0.31	23.44	21.75	20.24	23.50	21.65	20.09
790	0.16	0.26	0.32	21.74	20.31	18.80	21.75	20.24	18.68
980	0.18	0.30	0.38	19.37	17.83	16.45	19.20	17.69	16.34
1090	0.19	0.32	0.40	18.58	17.08	15.82	18.26	16.88	15.68
1140	0.20	0.33	0.42	18.37	16.85	15.63	17.97	16.61	15.46
1220	0.20	0.34	0.43	18.19	16.56	15.39	17.68	16.27	15.17
1400	0.21	0.36	0.45	18.09	16.28	15.26	17.44	15.87	14.94
1500	0.22	0.38	0.47	17.83	16.28	15.37	17.19	15.83	14.99
1630	0.23	0.39	0.48	17.75	16.48	15.65	17.13	15.97	15.18
1770	0.22	0.38	0.48	18.33	16.92	16.12	17.76	16.38	15.58
1875	0.22	0.39	0.49	18.74	17.42	16.63	18.22	16.88	16.07
2100	0.21	0.38	0.50	20.49	19.08	18.27	20.23	18.68	17.77
2300	0.21	0.39	0.51	23.51	21.44	20.55	23.81	21.48	20.38
2405	0.21	0.40	0.52	25.49	23.13	22.31	26.46	23.74	22.53
2500	0.21	0.40	0.53	27.34	25.06	24.42	29.85	26.64	25.36

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
300	2.32	2.30	2.29
303	2.27	2.25	2.24
307	2.19	2.17	2.16
309	2.13	2.11	2.10
315	2.05	2.04	2.03
325	1.97	1.95	1.94
335	1.88	1.86	1.85
345	1.78	1.76	1.75
355	1.68	1.67	1.66
365	1.59	1.58	1.57
375	1.51	1.50	1.50
385	1.44	1.43	1.42
395	1.38	1.37	1.36
405	1.32	1.31	1.30
415	1.26	1.25	1.25
425	1.21	1.20	1.20
435	1.16	1.16	1.15
445	1.12	1.11	1.11
455	1.08	1.07	1.07
465	1.04	1.04	1.03
475	1.01	1.00	1.00
485	0.98	0.97	0.97
495	0.95	0.94	0.94
505	0.92	0.91	0.91
520	0.88	0.87	0.87
535	0.84	0.83	0.83
555	0.80	0.79	0.79
575	0.76	0.75	0.75
595	0.73	0.72	0.71
610	0.70	0.69	0.69
640	0.66	0.65	0.65
665	0.63	0.62	0.62
700	0.59	0.58	0.58
750	0.54	0.54	0.53
790	0.52	0.51	0.50
845	0.48	0.47	0.47
890	0.46	0.45	0.45
930	0.44	0.43	0.43
1040	0.40	0.39	0.39
1080	0.39	0.38	0.38
1135	0.38	0.37	0.36
1180	0.37	0.36	0.36
1235	0.36	0.35	0.34
1285	0.35	0.34	0.34
1330	0.35	0.33	0.33
1415	0.33	0.32	0.32
1510	0.33	0.32	0.31
1575	0.32	0.31	0.30
1650	0.31	0.30	0.30
1720	0.31	0.30	0.29
1805	0.30	0.29	0.29
1860	0.30	0.30	0.29
1980	0.30	0.29	0.28
2080	0.29	0.28	0.28
2120	0.29	0.29	0.28
2200	0.29	0.28	0.28
2290	0.29	0.28	0.28
2440	0.29	0.28	0.28
2480	0.29	0.28	0.28
2500	0.29	0.28	0.28